

TECHNICAL DATA SHEET

CN986

Aliphatic Urethane Acrylate

DESCRIPTION

CN986 is a urethane acrylate oligomer that offers superior physical properties and fast cure rates. CN986 has excellent resistance to polar solvents and has good water, acid, and base resistance.



SHELF LIFE

Store in the original, closed container in a dry, cool (<45°C) and well-ventilated place. Keep away from frost and heat (open flames, hot surfaces and sources of ignition) sources. Typical shelf-life is 6 months from delivery date for unopened containers. In cases where product sampling is required to carry out incoming quality tests, shelf-life should be maintained beyond opening, provided that it is tightly closed immediately after and that contamination with foreign bodies is avoided. Inhibitors have been added to enhance storage stability. They require the presence of air in the container in order to improve their efficiency. Keep stabilizer levels constant to avoid explosive polymerization. An air space is required above the liquid in all containers

STORAGE

See SDS for Storage Considerations

HEALTH AND SAFETY

See SDS for Health & Safety Considerations

LIQUID PROPERTIES

Appearance	Clear liquid
Functionality	2
Refractive Index at 25°C	1.482
Density at 25°C (g/mL)	1.038
Color (Pt/Co or APHA)	<100

CURED PROPERTIES

Elongation at break (%)	130
Tg (°C), by DSC	-40
Young Modulus (MPa)	22
Tensile Strength (MPa)	10

PRODUCT PERFORMANCE

Flexibility
Shrinkage
Wood Adhesion
Weatherability
Metal Adhesion
Corrosion Resistance
Moisture Resistance

SUGGESTED APPLICATIONS

Flexographic inks
Inkjet inks
Metal coatings

Arkema Inc
502 Thomas Jones Way
Exton, PA 19341 – AMERICA
www.Sartomer.arkema.com

Arkema France
420, rue d'Estienne d'Orves
92705 Colombes Cedex
France
www.Sartomer.arkema.com